Example Code For A Webhook Receiver Server

The following example applications -- one in Go, the other in Java -- are generic, universal webhook receivers that accept the POST from the AtScale platform and simply echo some of the posted parameters.

Example In Go

```go
package main
import (
    "fmt"
    "log"
    "net/http"
    "strings"
)

func test(w http.ResponseWriter, r *http.Request) {
    r.ParseForm() // parse arguments, you have to call this by yourself
    fmt.Println(r.Form) // print form information in server side
    fmt.Println("path", r.URL.Path)
    fmt.Println("scheme", r.URL.Scheme)
    fmt.Println(r.Form["url_long"])
    for k, v := range r.Form {
        fmt.Println("key:", k)
        fmt.Println("val:", strings.Join(v, ""))
    }
    fmt.Fprintf(w, "Hello World!") // send data to client side
}

func main() {
    http.HandleFunc("/webhook", test) // set router
    err := http.ListenAndServe(":3030", nil) // set listen port
    if err != nil {
        log.Fatal("ListenAndServe: ", err)
    }
}
```

Example In Java

```java
import java.io.IOException;
import java.io.OutputStream;
import java.net.InetSocketAddress;

import com.sun.net.httpserver.HttpExchange;
import com.sun.net.httpserver.HttpHandler;
import com.sun.net.httpserver.HttpServer;
/*
 * a simple static http server
 */
public class Webhook {
    public static void main(String[] args) throws Exception {
        HttpServer server = HttpServer.create(new InetSocketAddress(3030), 0);
        server.createContext("/test", new MyHandler());
        server.setExecutor(null); // creates a default executor
        System.out.println("starting"); server.start();
    }

    static class MyHandler implements HttpHandler {
```

```java
    public void handle(HttpExchange exchange) throws IOException {
      String response = "finished";
      exchange.sendResponseHeaders(200, response.length());
      OutputStream os = exchange.getResponseBody();
      os.write(response.getBytes());
      os.close();
      System.out.println("uri is " + exchange.getRequestURI());
    }
  }
}
```

Related reference

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